



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:) Art Unit: 1647
KOPCHICK, et al.)
Serial No.: 08/488,164) Examiner: SAOUD, Christine
Filed: June 7, 1995) Washington, D.C.
For: DNA ENCODING GROWTH) May 8, 2002
HORMONE ANTAGONISTS) Docket No.: KOPCHICK=1
) Confirmation No.: 8450

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AMENDMENT UNDER RULE 1.115

Commissioner of Patents
Washington, D.C. 20231

S i r :

In response to the nonfinal office action mailed January 2, 2002, please enter the following amendments and remarks:

IN THE CLAIMS

Please cancel claims 35, 36 and 62.

Please amend claims 10, 29, 66, 81, 88, 89, 107, 108 and 109-112 as follows:

61
10 (twice amended). A non-naturally occurring DNA molecule comprising a coding sequence encoding a growth hormone receptor antagonist which is a polypeptide which comprises an amino acid sequence which

(A) is at least 50% identical with the sequence of a first vertebrate growth hormone, and

(B) differs therefrom solely in that

(I) the amino acid position corresponding to amino acid Gly119 of bovine growth hormone is an amino acid other than glycine or alanine, and

(II) any additional differences, if any, between said amino acid sequence and the amino acid sequence of said first vertebrate growth hormone, are independently selected from the group consisting of

(a) a substitution of a conservative replacement amino acid for the corresponding first vertebrate growth hormone residue,